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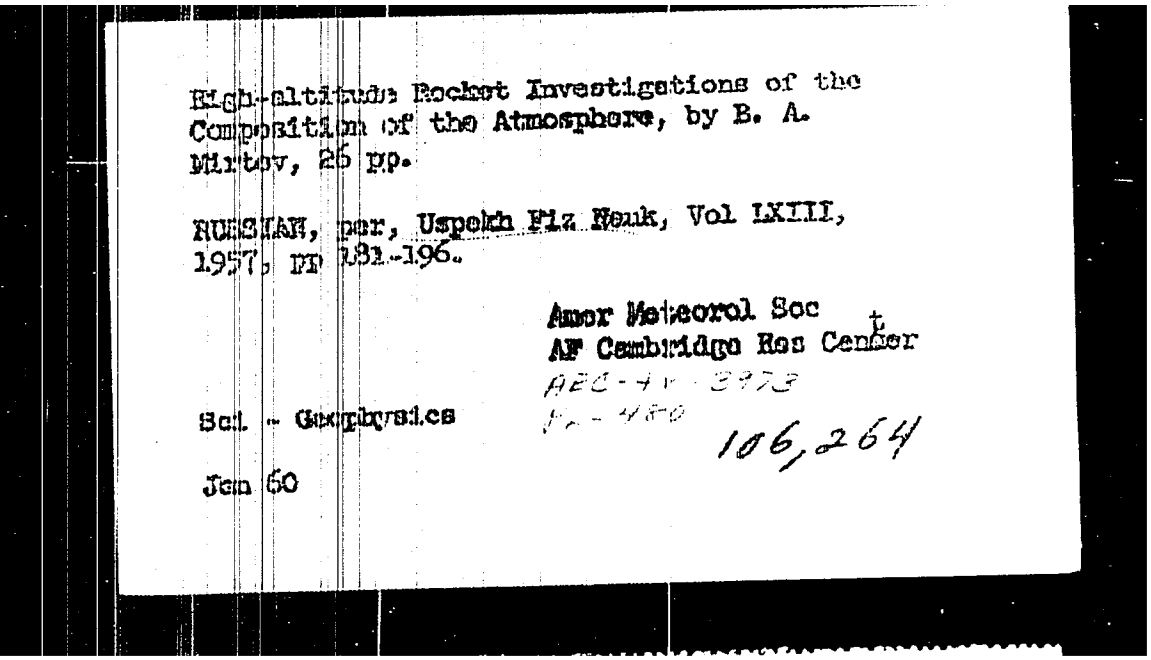

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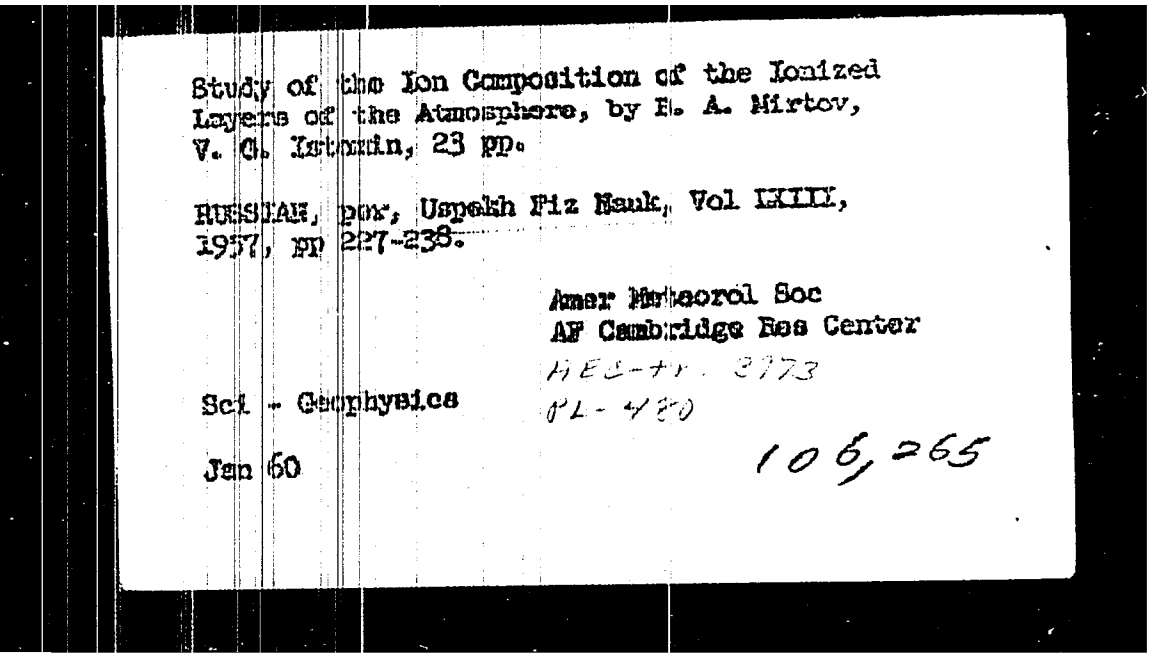

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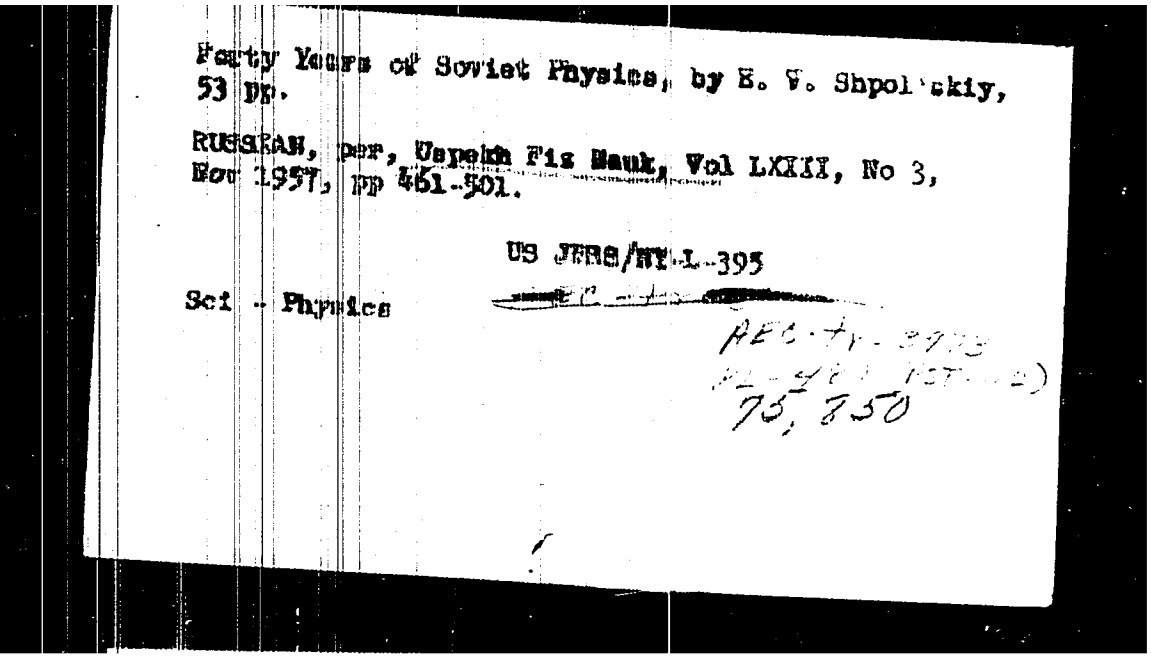

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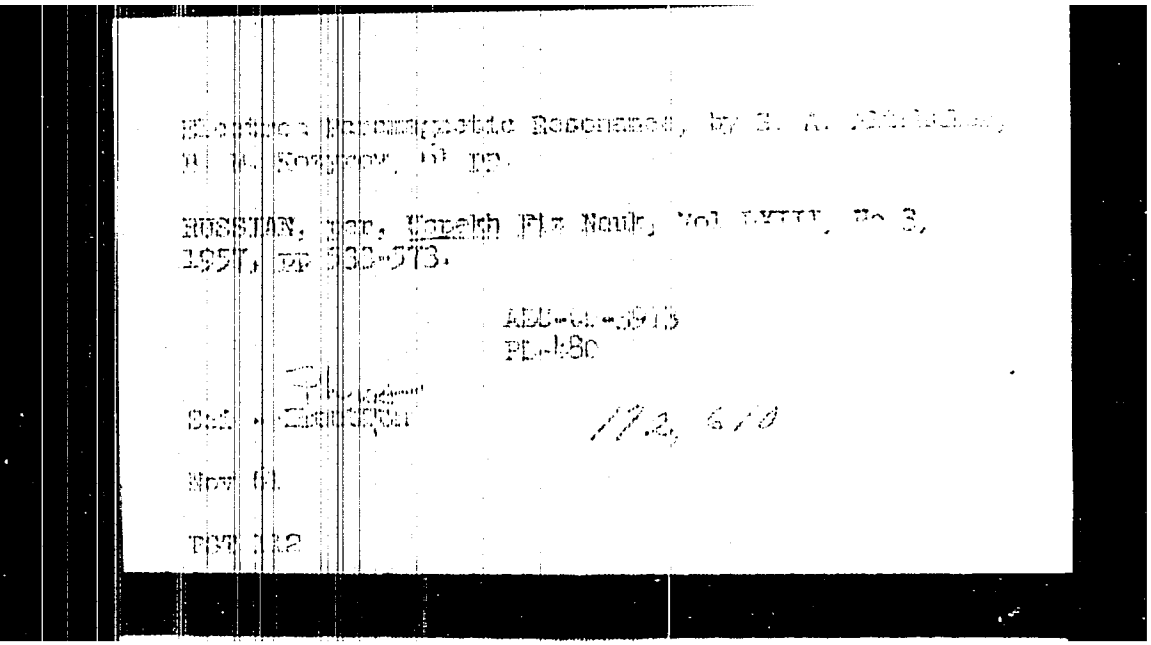

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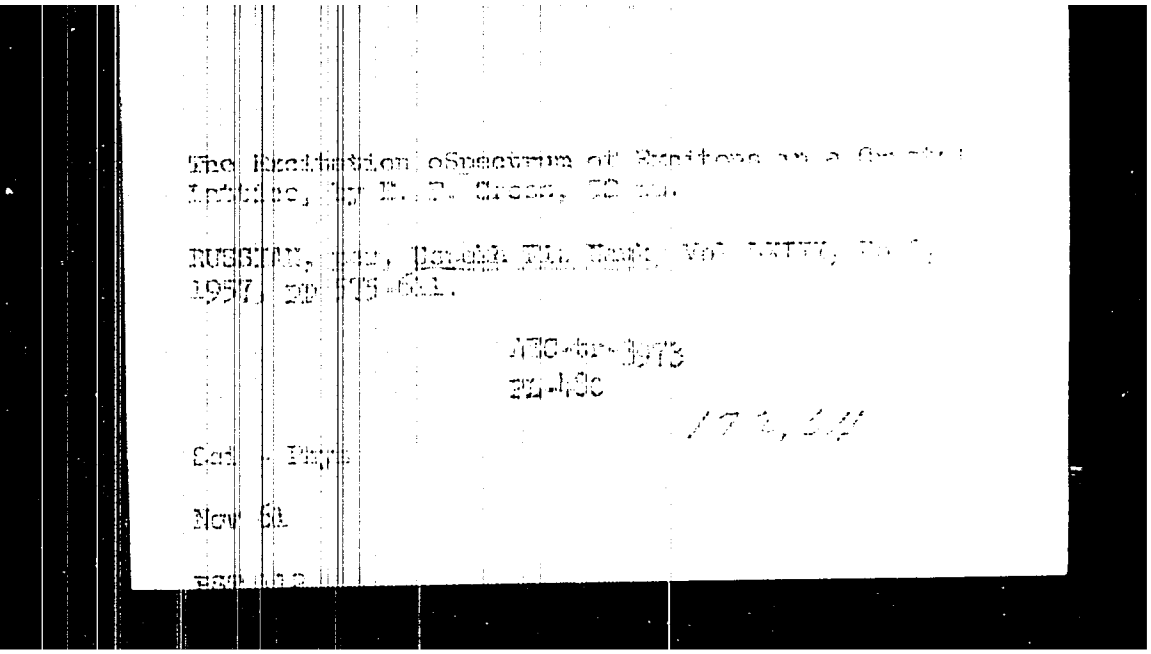

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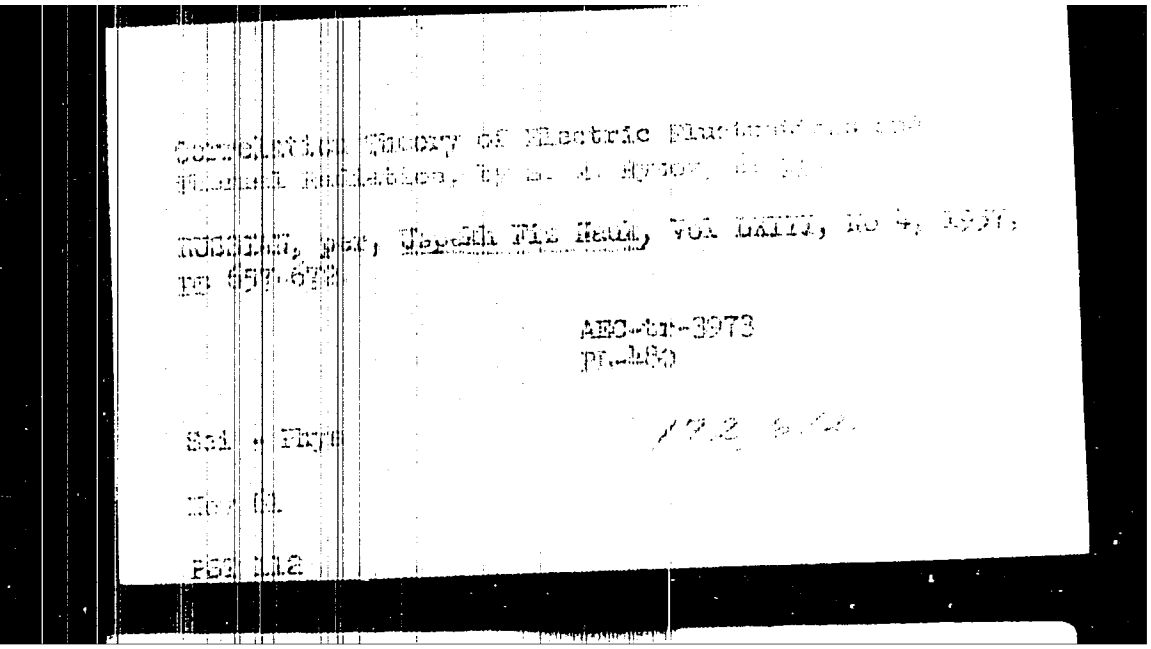

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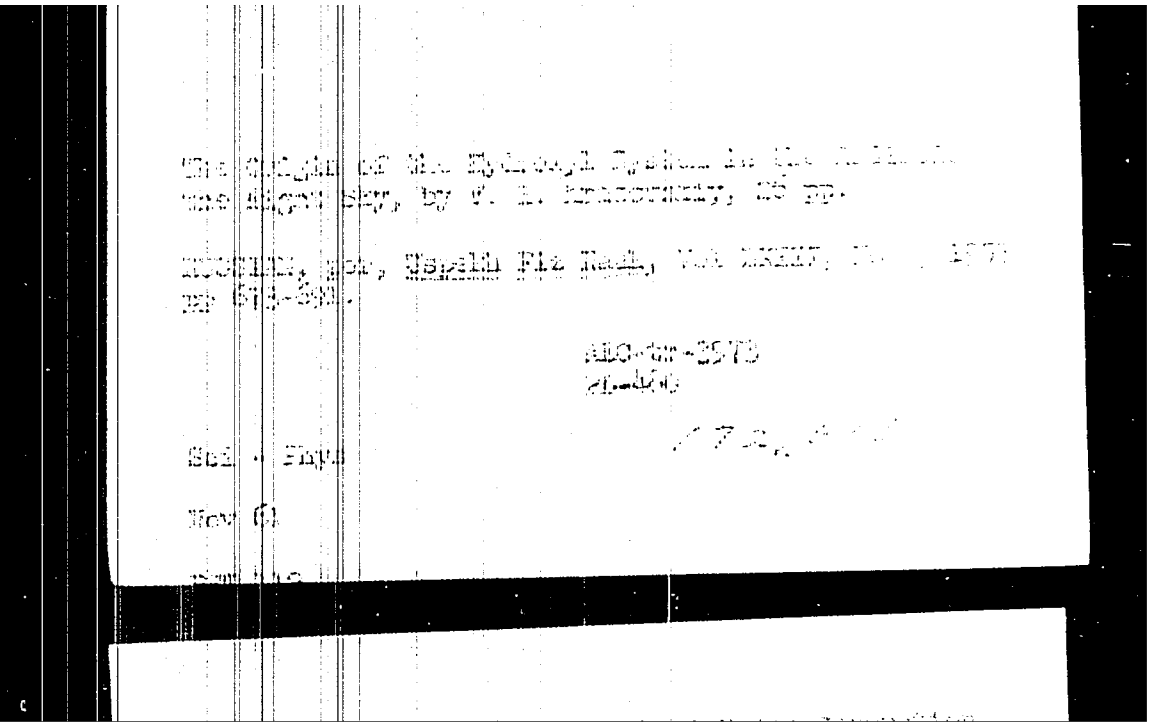

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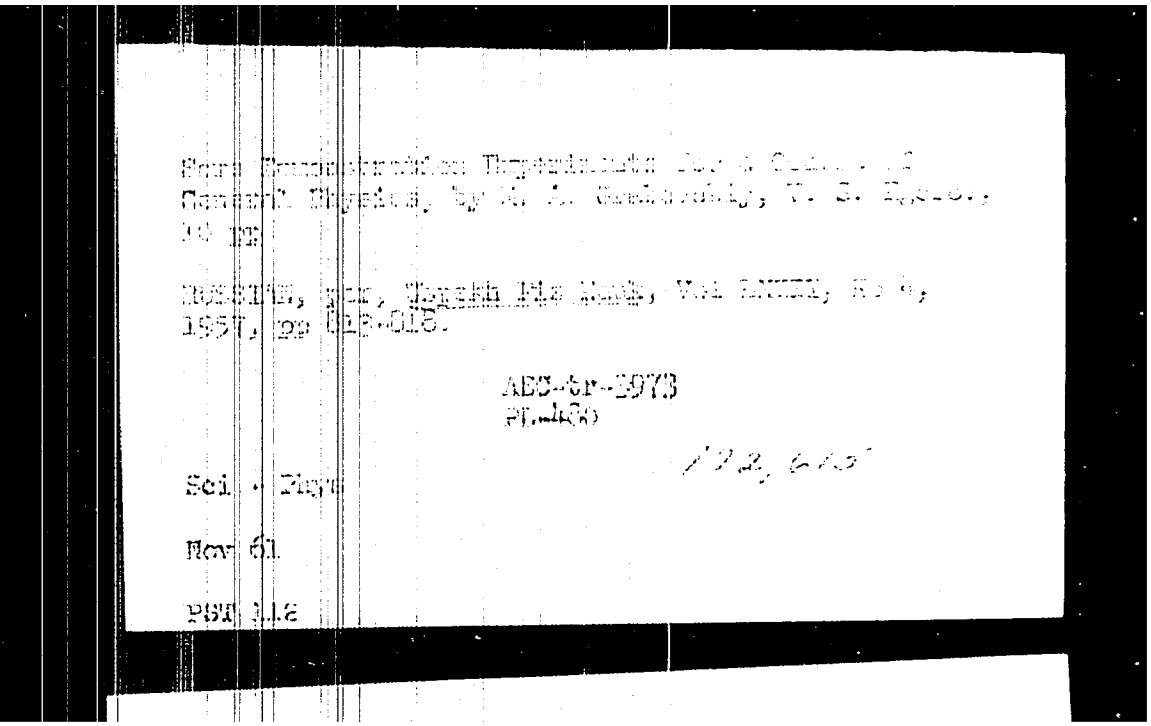

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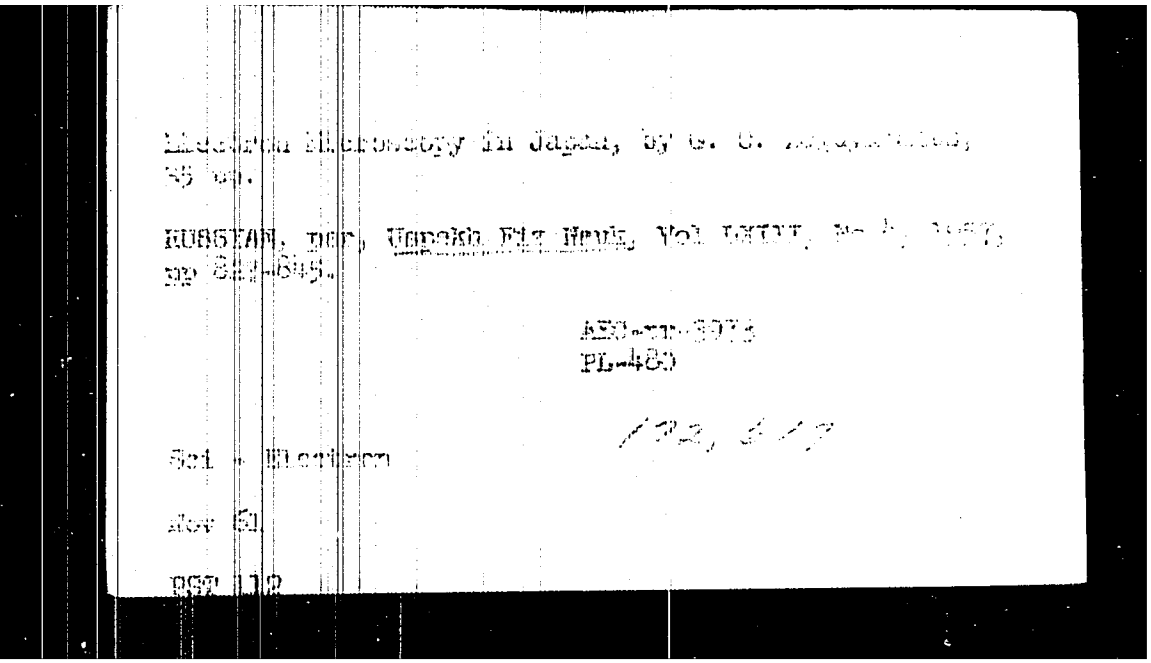

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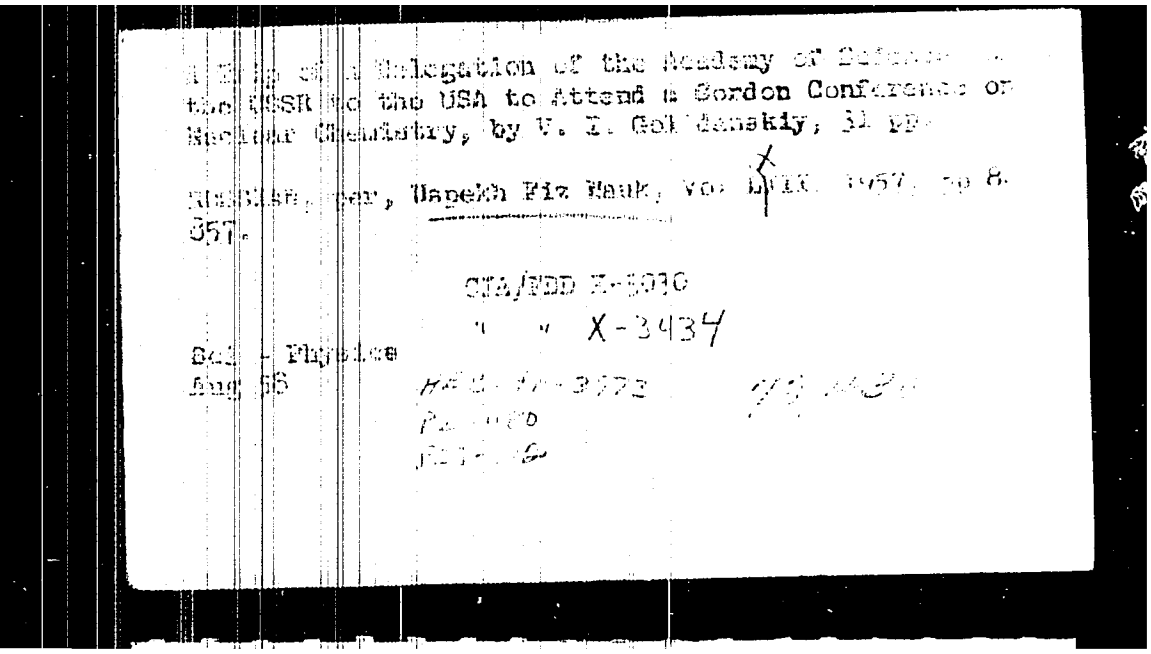

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Consideration is given to the question of quantum effects when free electrons interact with high frequency fields. Essentially, quantum effects in this case are negligible. However in principle it is possible to measure certain of these effects. Also certain quantum effects, generally speaking, are not negligi-

(Physics, TT, v. 8, no. 7) (over)

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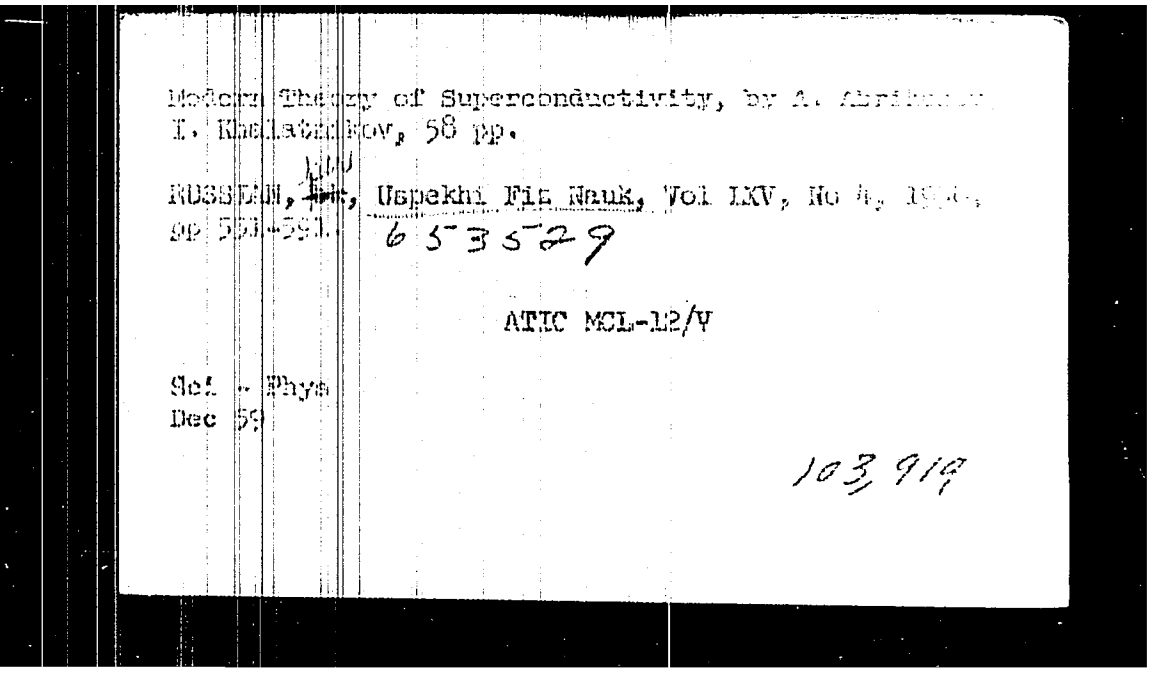

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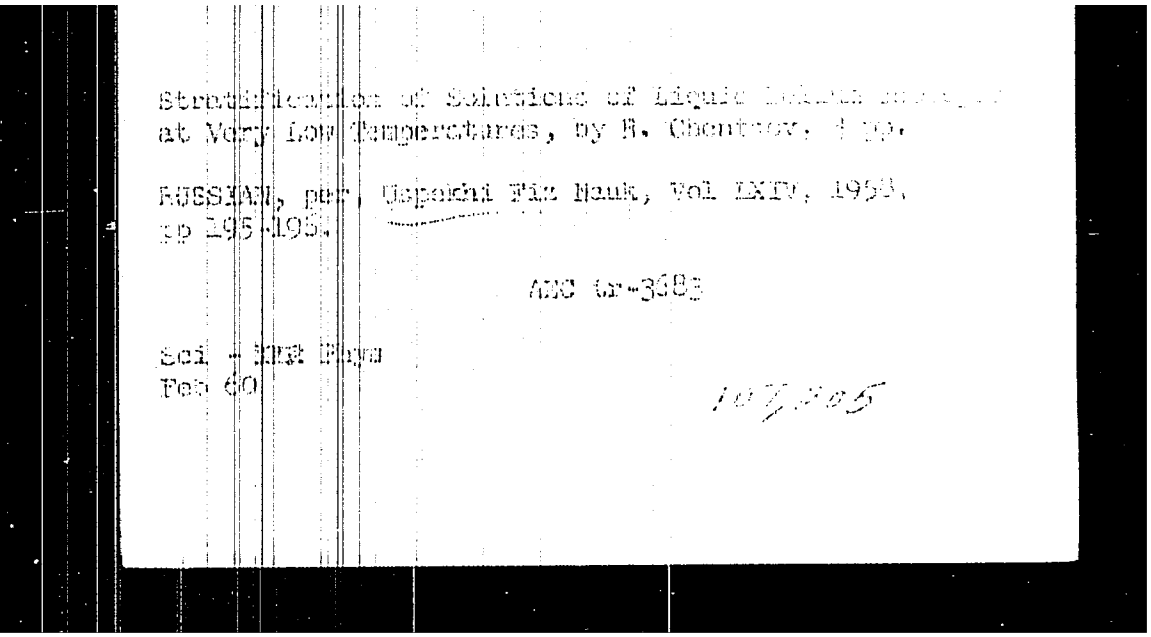

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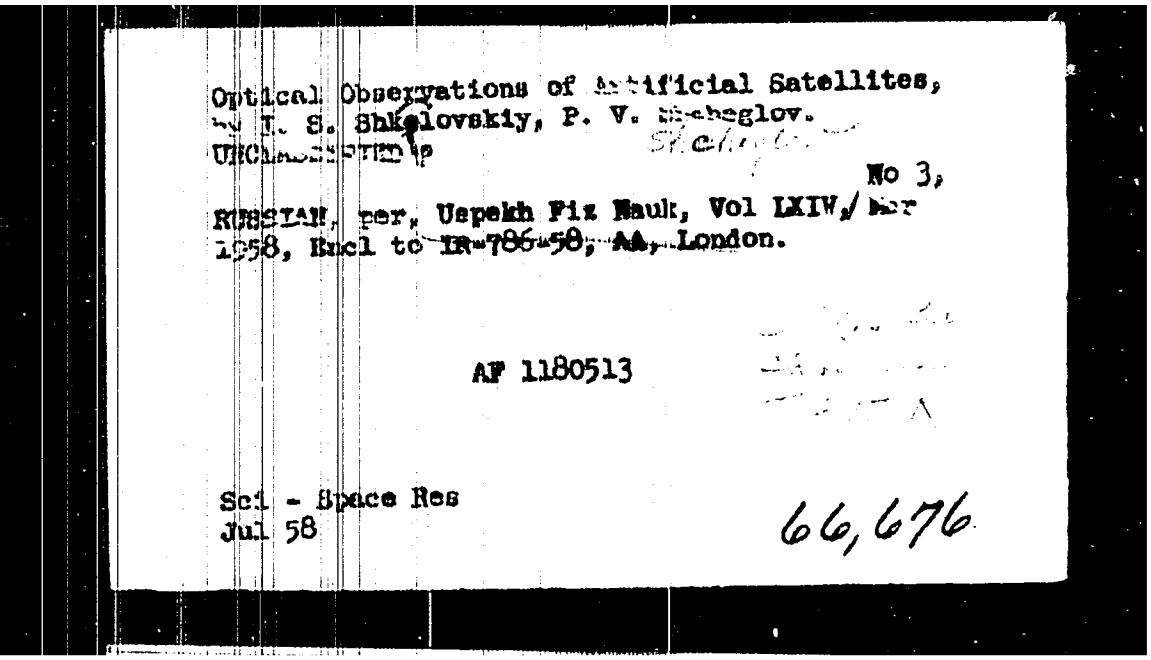

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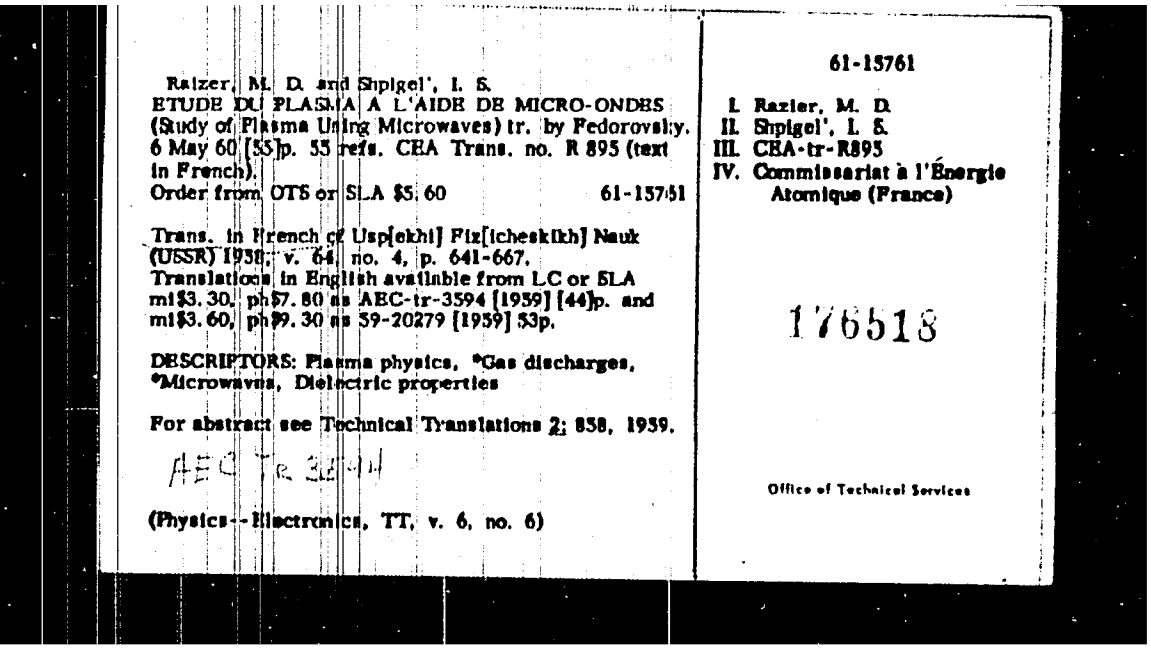

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Translations in English available from LC or SLA mf$3.30, ph$7.80 as AEC-tr-3594 [1959] [44]p. and mf$3.60, ph$9.30 as 59-20279 [1959] 53p.

DESCRIPTORS: Plasma physics, *Gas discharges, *Microwaves, Dielectric properties

For abstract see Technical Translations 2; 858, 1959.

AEC Tr 3594

(Physics--Electronics, TT, v. 6, no. 6)

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OPTICAL TRANSITION PROBABILITIES FOR ATOMS AND DIATOMIC MOLECULES [Veroyatnosti Opticheskikh Perekhodov dlya Atomov i Dvukhatomnykh Molekul]. [1962] 51p. 370 refs.
Order from OTS or SLA $5.60 63-10744

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DESCRIPTORS: *Atoms, *Molecules, *Electron transitions, Probability, Optics, Measure theory, Harmonic analysis, Perturbation theory, *Bibliographies.

(Physics--Molecular, TT, v. 9, no. 11)

63-10744

1. Title: Transition probability
2. Title: Diatomic molecules
I. Kolesnikov, V. N.
II. Leskov, L. V.

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FERROMAGNÉTIQUE ET ANTIFERROMAGNÉTIQUES AU VOISINAGE DU POINT DE CURIE [Ferromagnetiki i Antiferromagnetiki Vblizi Tochki Kyuri] [Ferromagnetic and Antiferromagnetic Materials Near Curie Point] tr. by Sokolovsky. 29 June 60 [102]p. 107 refs. CEA Trans. no. R 959 (text in French).
Order from OTS or SLA $9.10 61-15753

Trans. in French of Usp[ekhi] Fiz[icheskikh] Nauk (USSR) 1958, v. 65, no. 2, p. 207-256.

DESCRIPTORS: *Ferromagnetic materials, *Antiferromagnetism, Thermodynamics, Phase transitions.

Recently much experimental material has accumulated with respect to various physical phenomena in metals, alloys, ferrites, sulfides as well as ferromangetic and antiferromagnetic materials. It was the aim of the present paper to sort out and to arrange this material systematically.
(Physics--Magnetism, TT, v. 6, no. 7)

61-15753

I. Belov, K. P.
II. CEA-tr-R959
III. Commissariat à l'Énergie Atomique (France)

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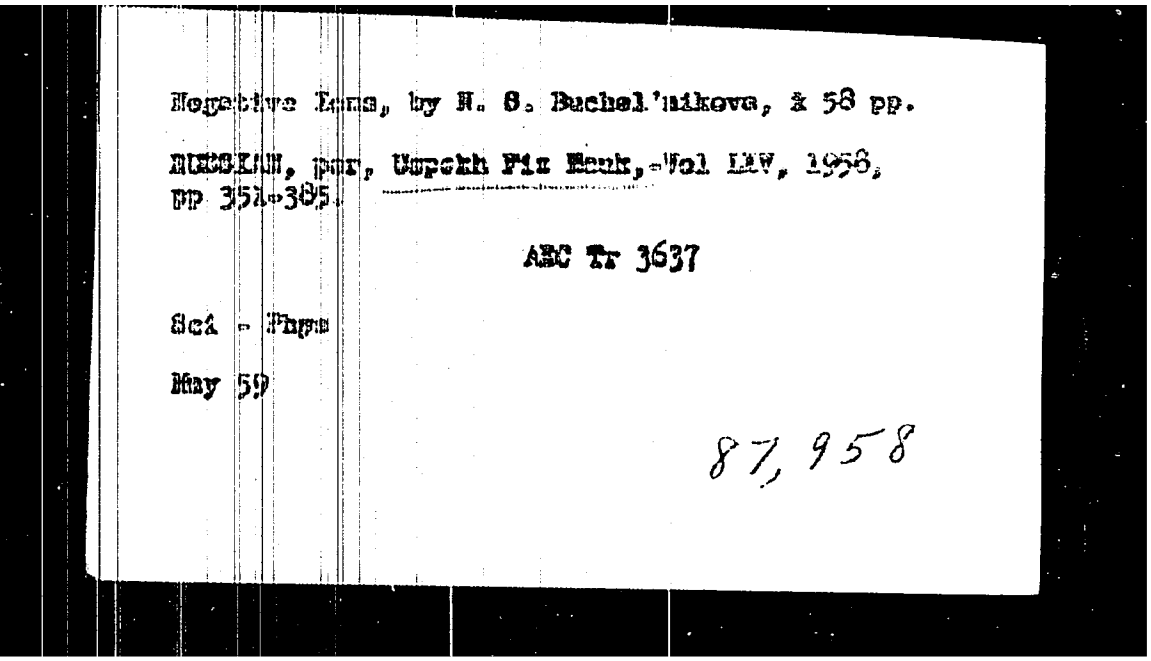

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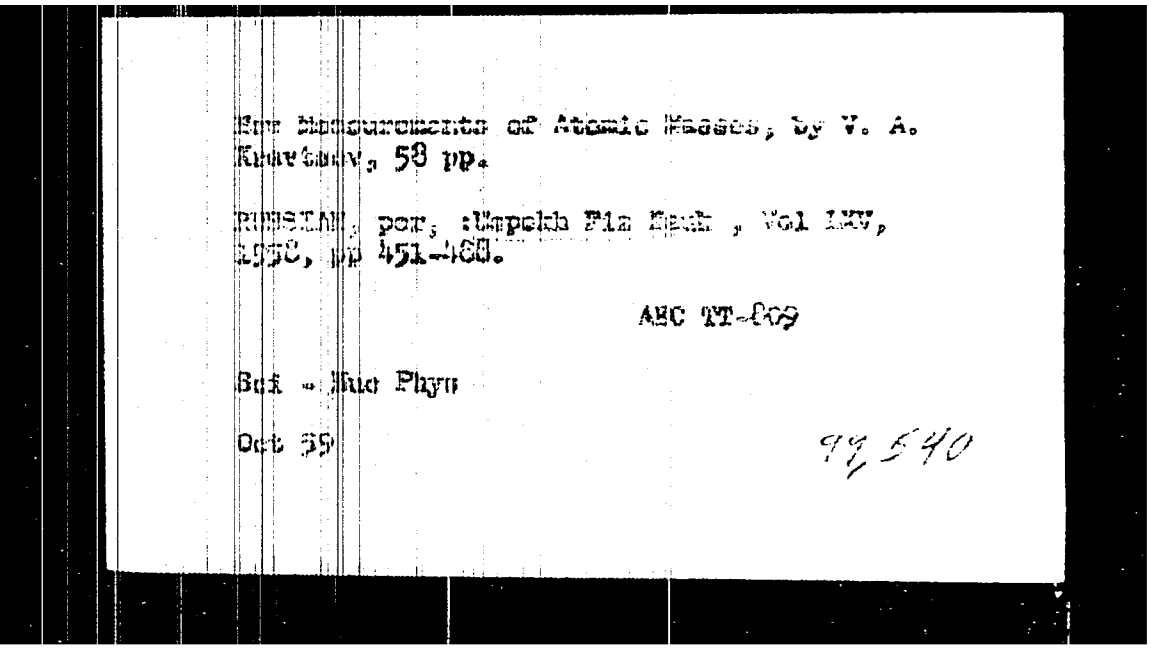

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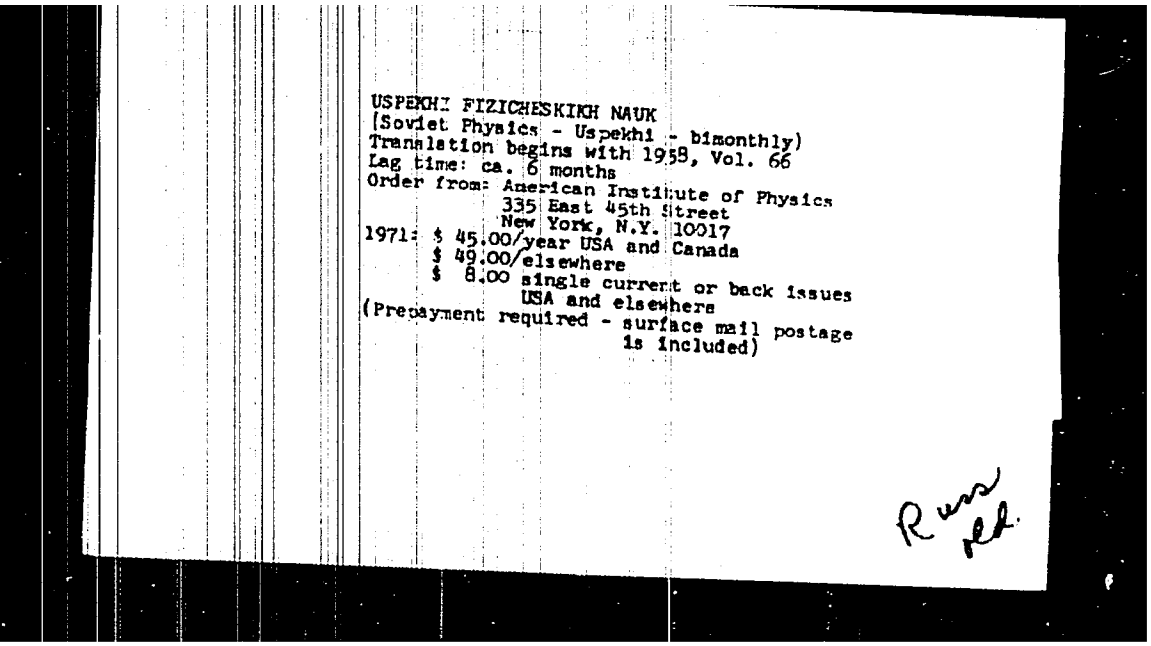

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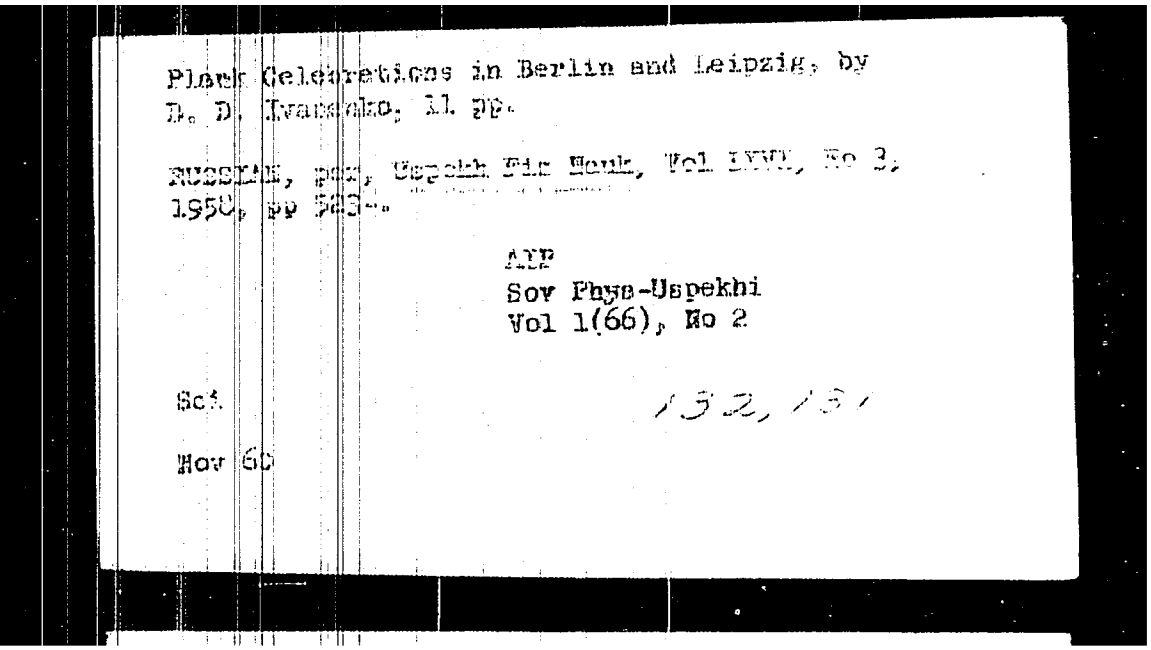

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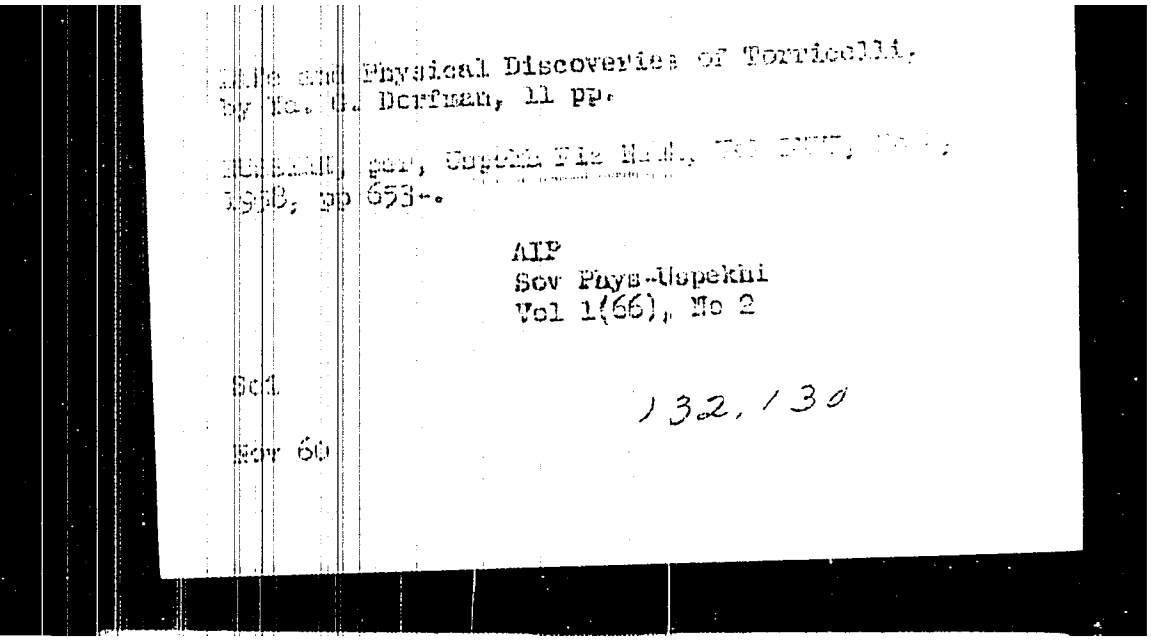

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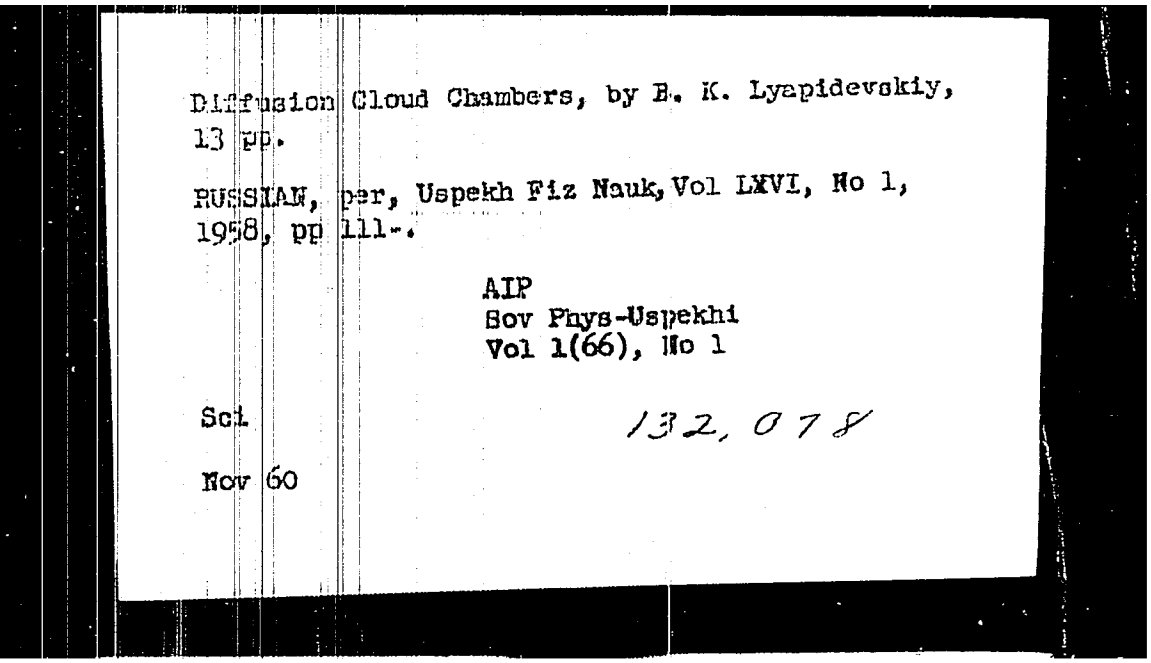

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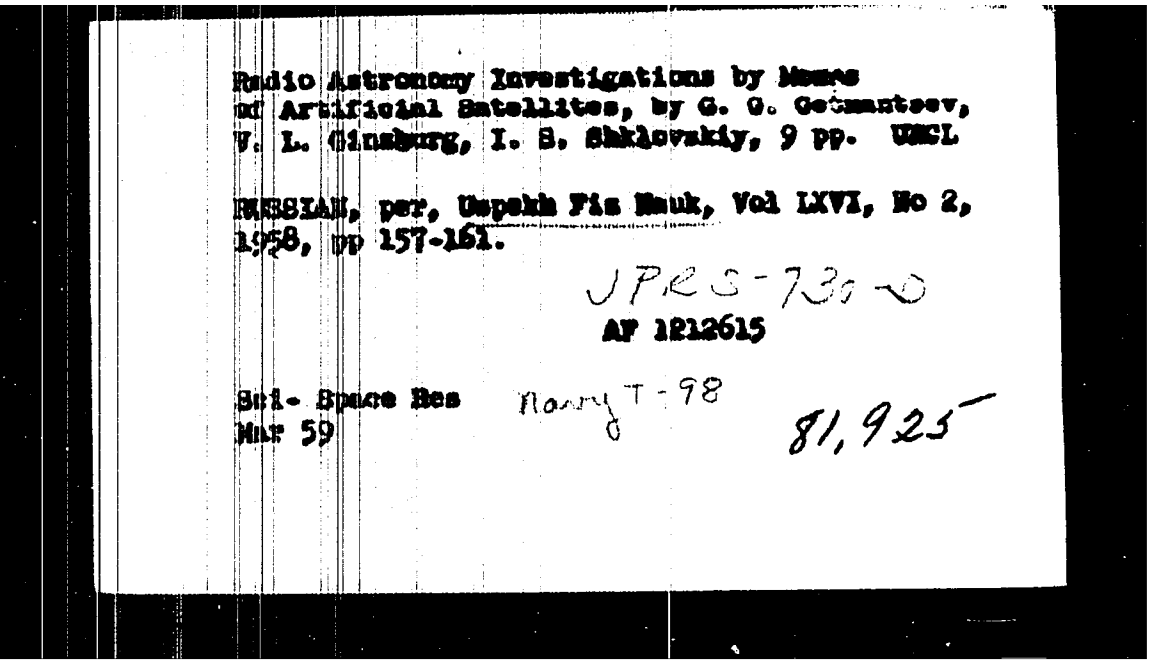

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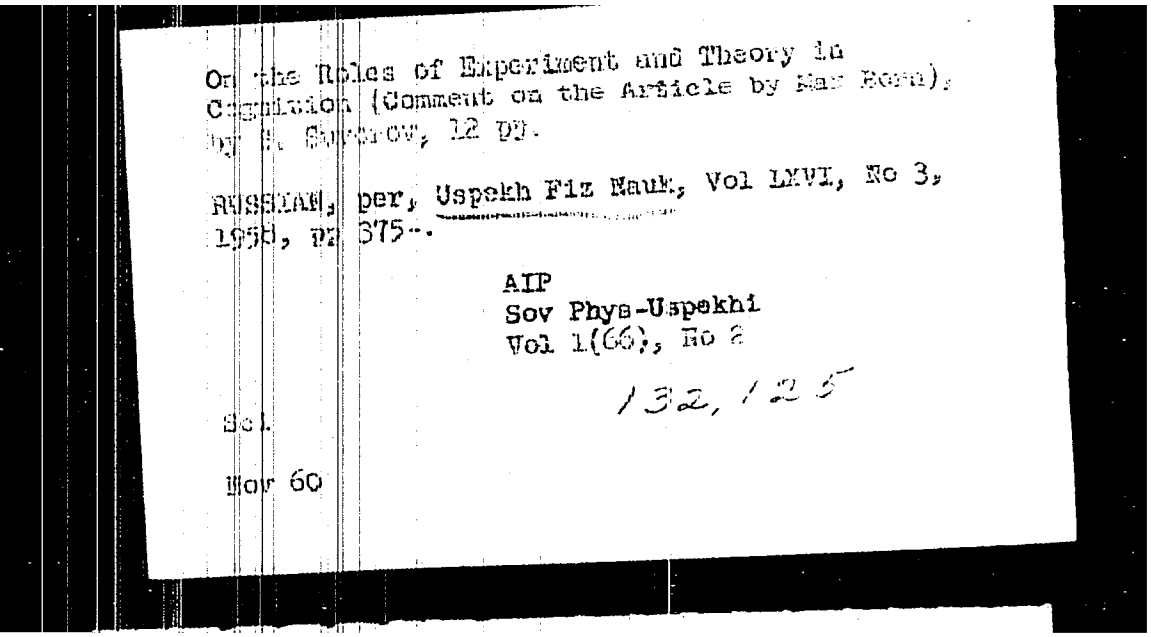

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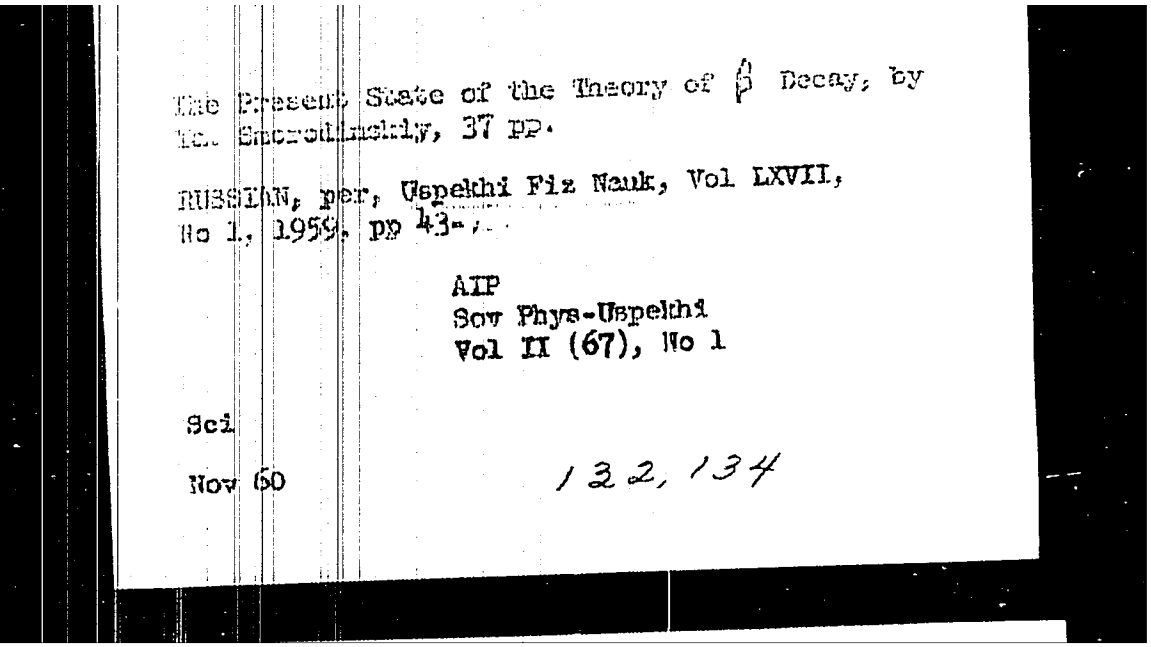

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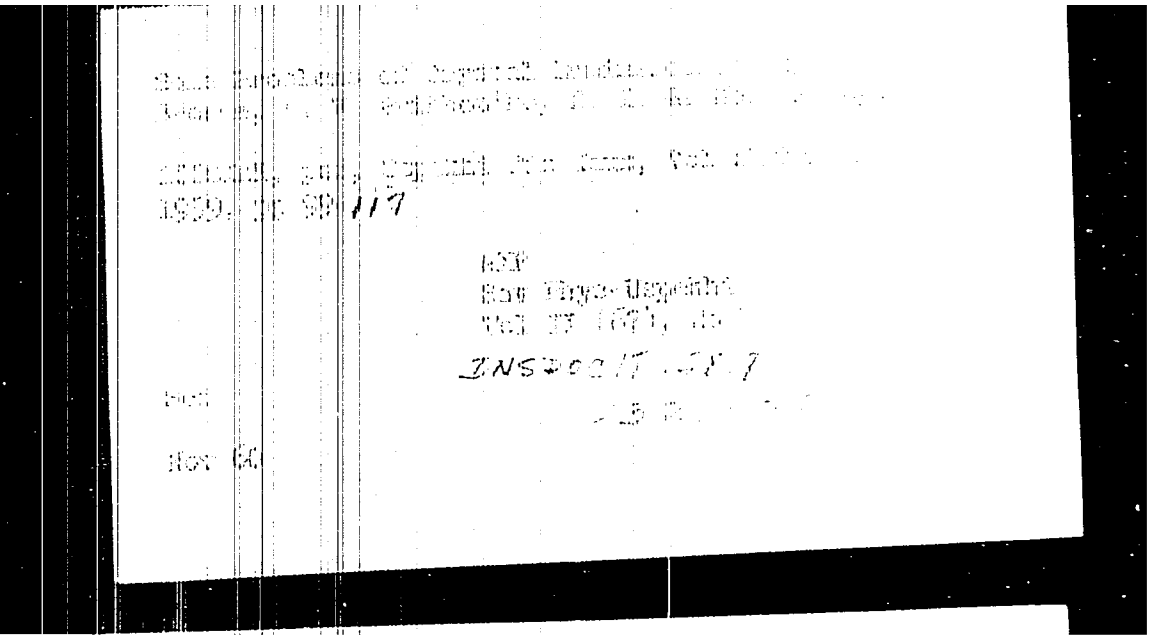

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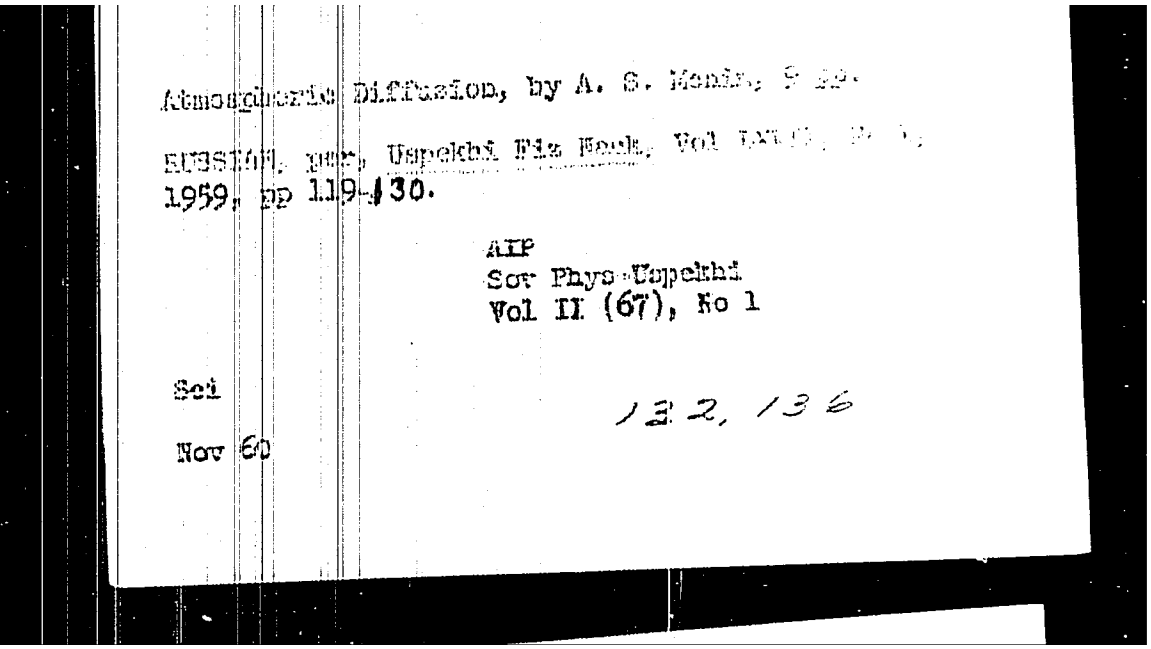

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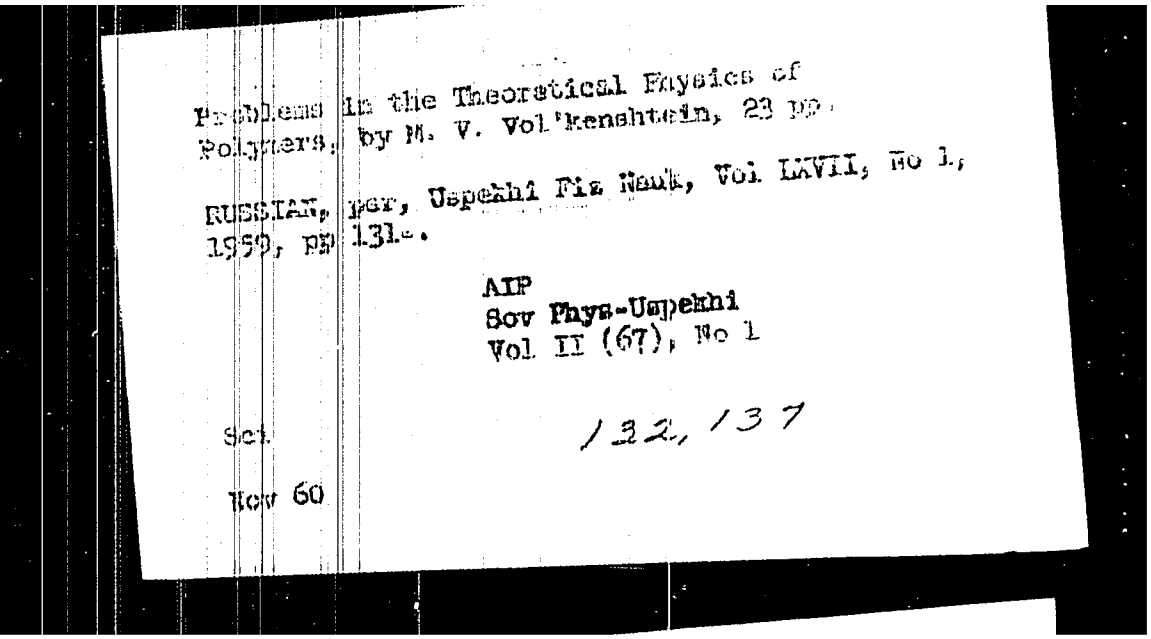

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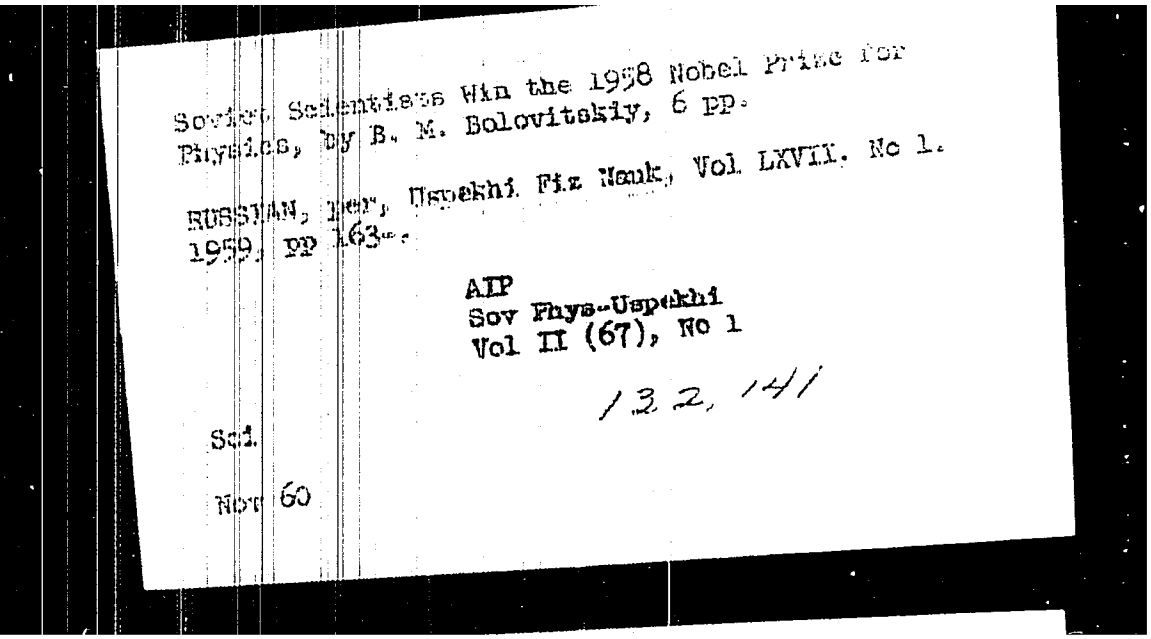

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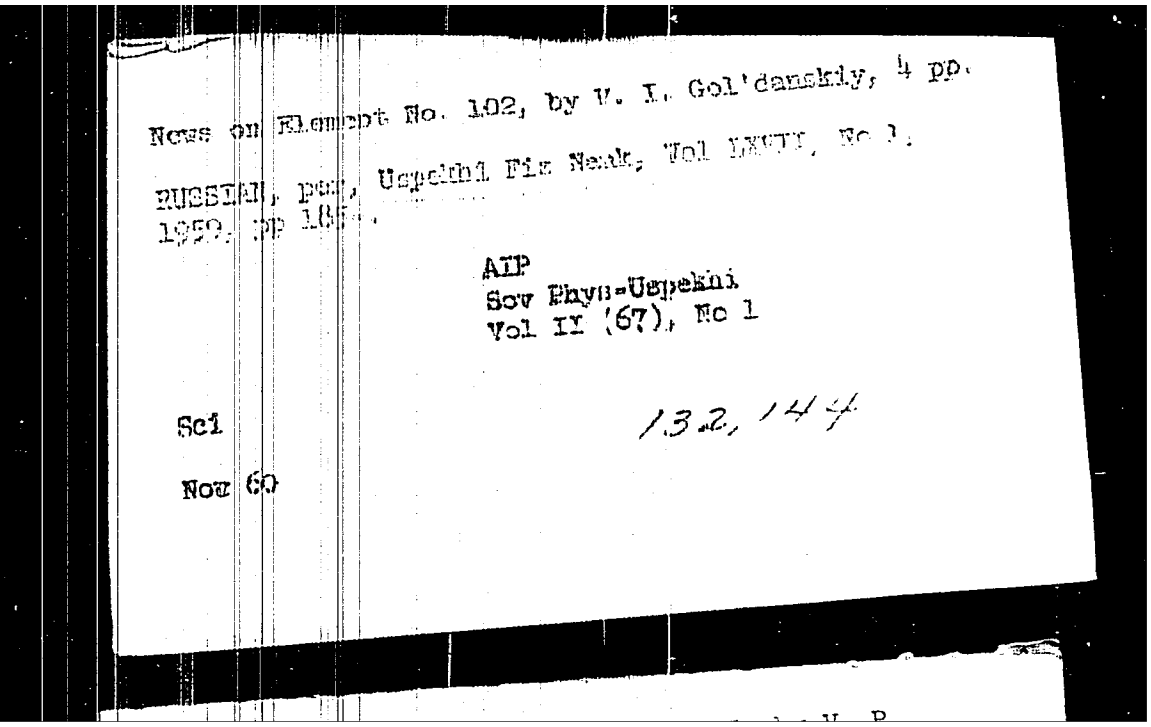

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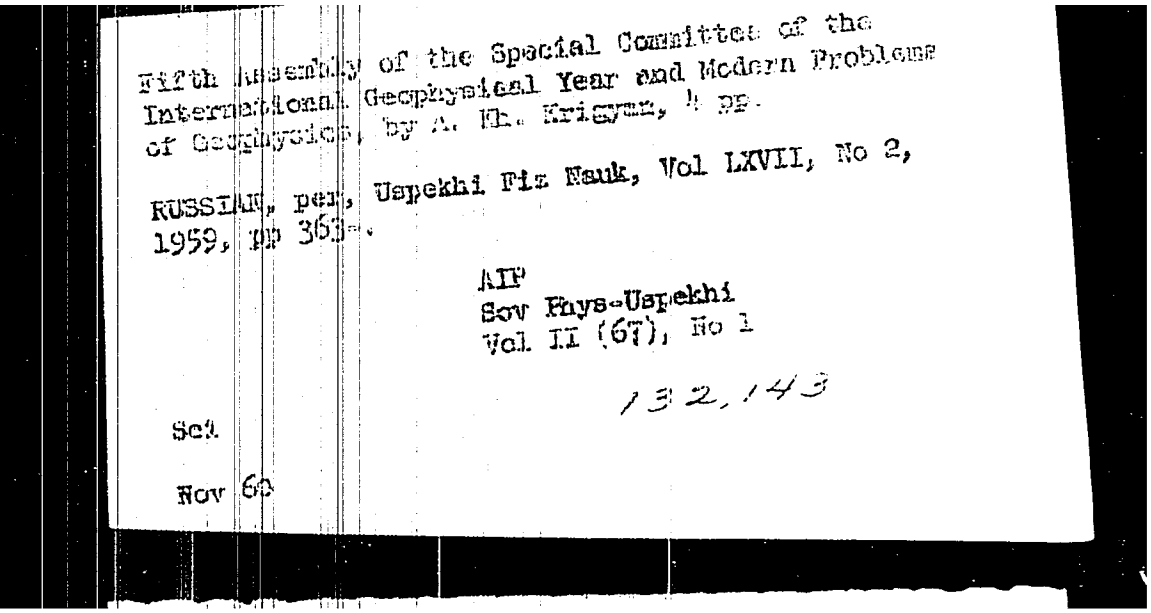

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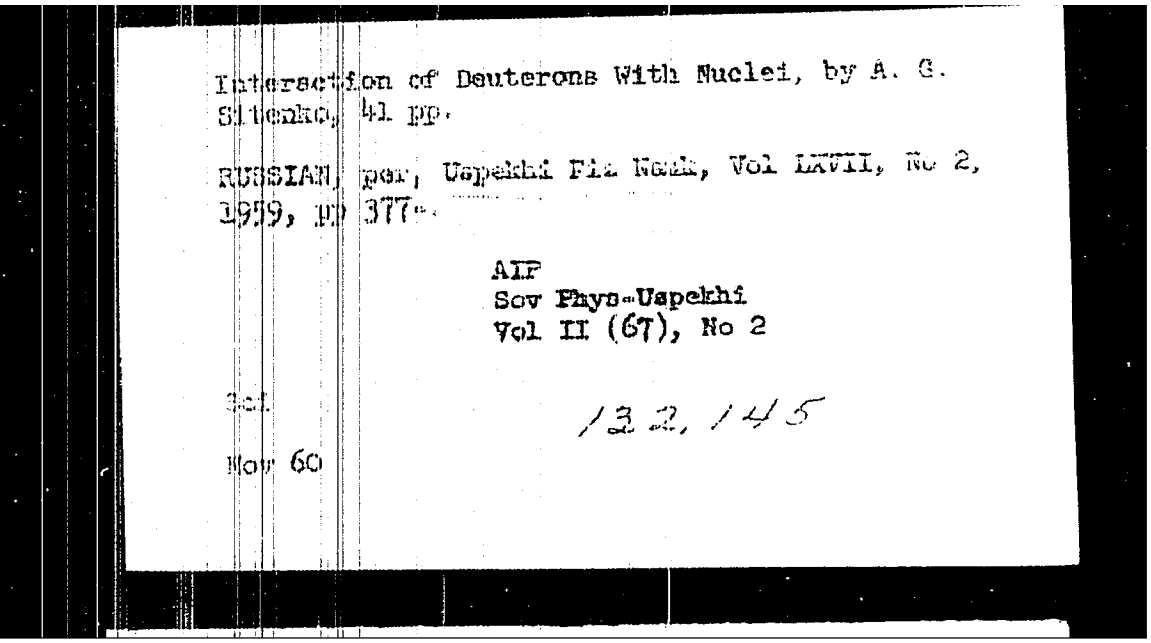

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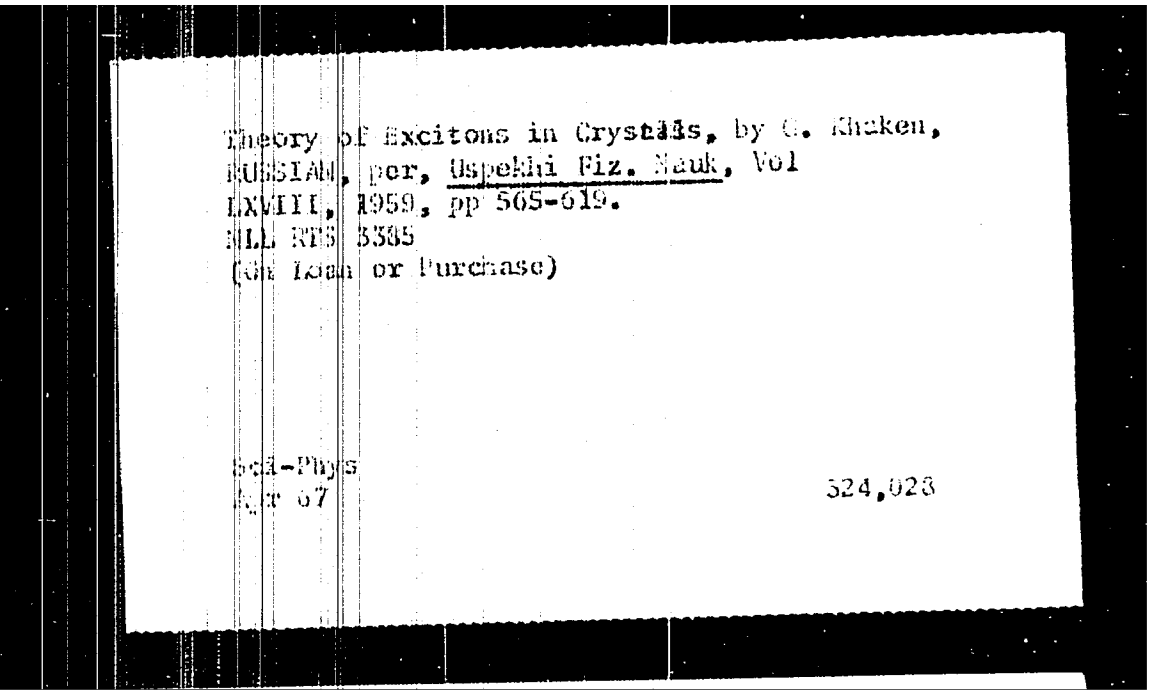

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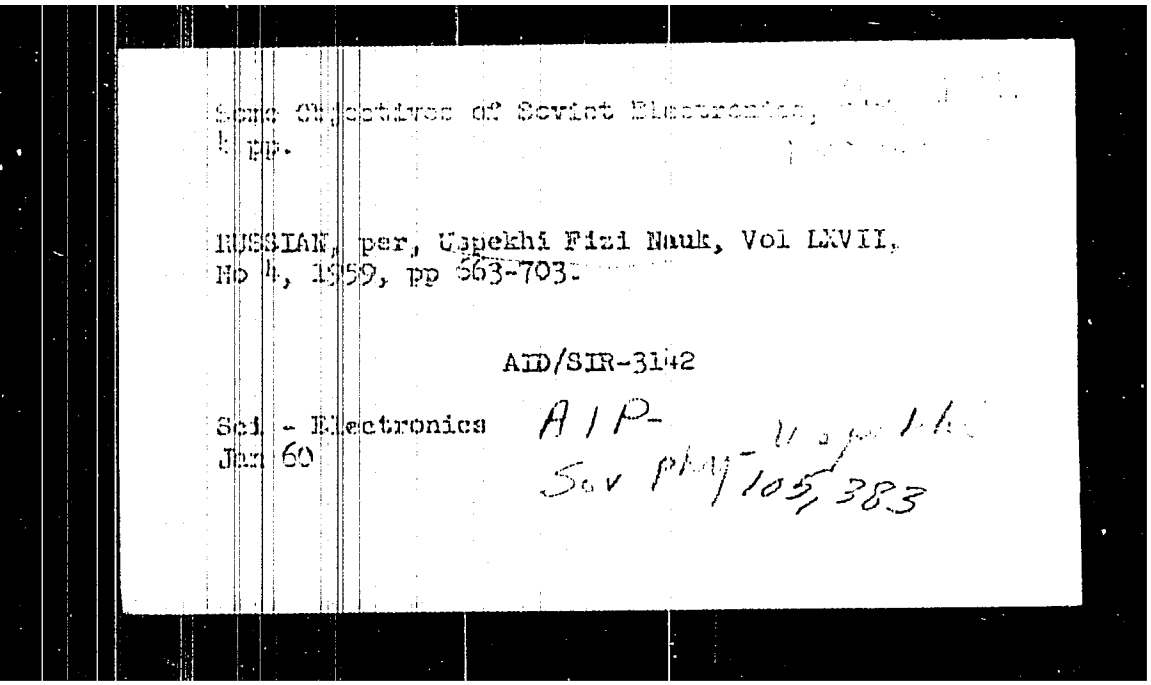

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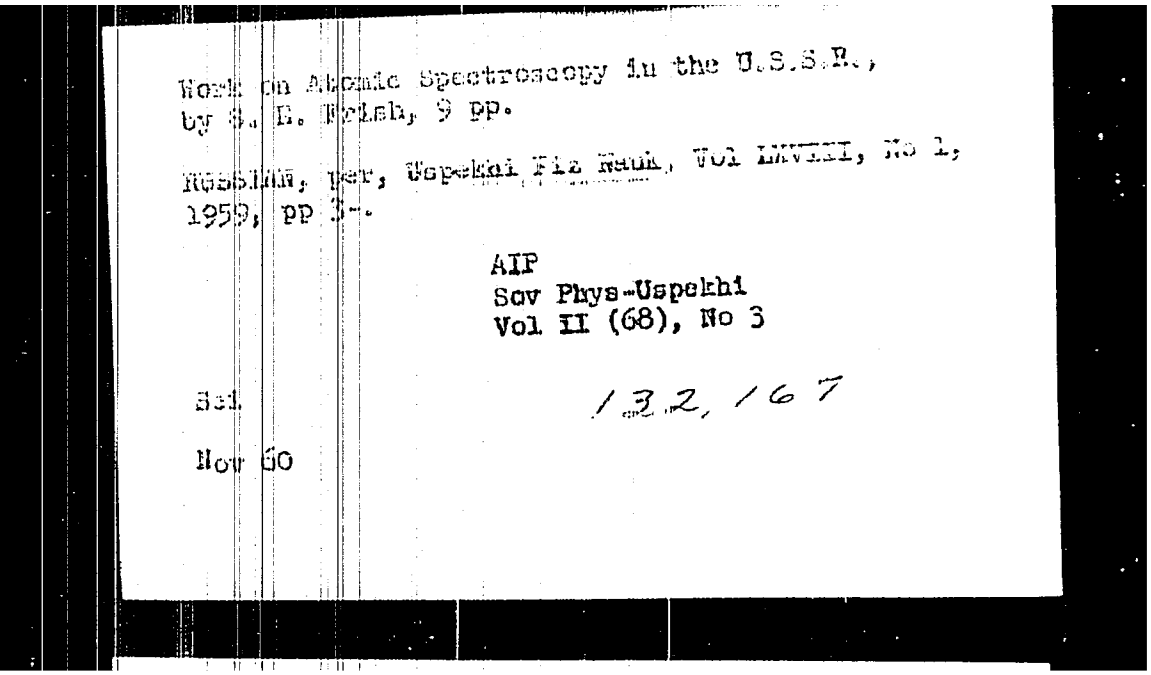

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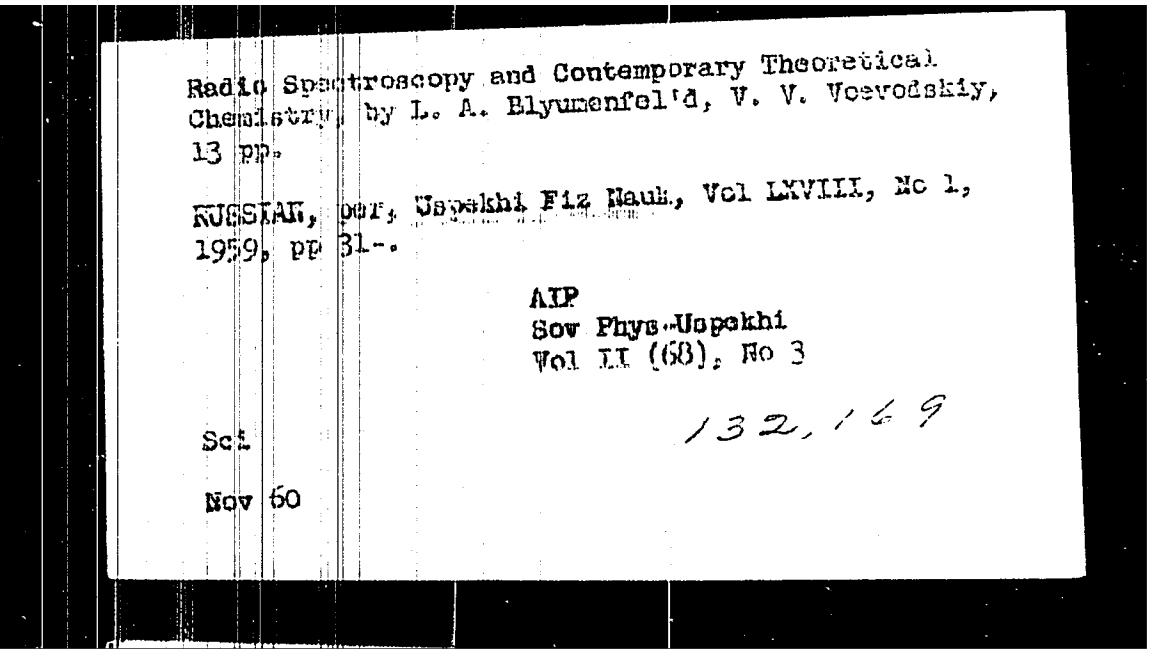

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